



# Introduce a Girl to Engineering Day (IGED)

February 23, 2006

## IGED2006 Schedule

**Morning of February 23** The student's parent or guardian drives her to ANL.

**8:30 a.m.** Students meet their Argonne mentors at the ANL Visitor Reception Center. Mentors drive students to the ANL Guest House.

**9:00 a.m. to 10:15 a.m.** All students and mentors meet at the ANL Guest House for a continental breakfast and a presentation to be given by MIT students. In the presentation MIT students talk through a series of slides that include the audience. For example, they ask the students what they think engineering is. MIT students bring 'giveaways' from engineering companies like t-shirts, pencils etc. During the talk, they also do a hands-on activity to get the girls excited about engineering and a hands-on activity helps with this.

**10:30 a.m. to 11:00 a.m.** First morning tour, see tour schedule for assignments.

**11:15 a.m. to 11:45 a.m.** Second morning tour, see tour schedule for assignments.

**12:00 p.m. to 1:00 p.m.** Mentors and students eat lunch together in cafeteria. Four panelists and a moderator will interact with the students in a Question/Answer format for 30 minutes.

**1:00 p.m. to 2:30 p.m.** Students and mentors meet in one of the Cafeteria Rooms for a demonstration "A World in Motion" sponsored by SAE. A World in Motion brings math and science principles to life through highly interactive learning experiences that incorporate the laws of physics, as they relate to motion, flight and electronics. The girls would construct a JetToy car powered by a balloon motor and learn about the engineering design experience. This challenge is designed around current math, science and technology standards. Demonstrations begin promptly at 1:00 p.m.

**2:45 p.m. to 3:30 p.m.** Students given certificates and fill out evaluation form.

**3:30 p.m.** Mentors drive their students back to the ANL Visitor Reception Center. Students are picked up at the Visitors Center by their parent or guardian.